

Title (en)  
CONTROL SYSTEM FOR A D.C. MOTOR WITH MONITORING CIRCUIT AND SHUT-OFF TRANSISTOR IN SERIES WITH RELAY WINDINGS

Title (de)  
STEUERUNGSSYSTEM FÜR EINEN GLEICHSTROMMOTOR MIT ÜBERWACHUNGSSCHALTUNG UND ABSCHALTTRANSISTOR IN REIHE MIT RELAISWICKLUNGEN

Title (fr)  
SYSTEME DE COMMANDE D'UN MOTEUR C.C. AVEC CIRCUIT DE CONTROLE ET TRANSISTOR DE COUPURE MONTES EN SERIE AVEC LES ENROULEMENTS DE RELAIS

Publication  
**EP 0764293 A1 19970326 (DE)**

Application  
**EP 96903913 A 19960229**

Priority  
• DE 9600334 W 19960229  
• DE 19513157 A 19950407

Abstract (en)  
[origin: DE19513157A1] Proposed is a device for operating an actuator-motor drive (11) which includes a relay-controlled switchover device (12) for the clockwise/anticlockwise running of the actuator motor (10). A first semiconductor switch (23) is fitted to feed current to a first relay winding (15) and a second semiconductor switch (25) to feed current to a second relay winding (16). A third semiconductor switch (26) is connected in series with the first relay winding (15) and with the second relay winding (16). Switching the third semiconductor switch (26) on and off enables the current to the relay windings (15, 16) to be allowed to pass or to be shut off. Shorting in either of the first two semiconductor switches (23, 25) has no effect on the drive (11). No unintentional control operation takes place.

IPC 1-7  
**G05B 9/02**; **H02H 7/08**

IPC 8 full level  
**G05B 9/02** (2006.01); **H02H 7/08** (2006.01)

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Citation (search report)  
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